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OM nucleic - nucleic search, using SW model

Run on: March 15, 2003, 15:05:45 ; Search time 1.34316 Seconds
(without alignments)
10973.529 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21
Sequence: 1 CCGGACATCTCATCCACC 21

Scoring table: IDENTITY NUC
Gapco 10.0, Gapext 1.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :
1: Published Applications NA.*
2: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
3: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
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9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
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11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
C 1	21	100.0	499	10	US-09-998-598-2290
2	21	100.0	502	9	US-10-076-622-282
3	21	100.0	502	10	US-09-604-2874-282
4	21	100.0	502	10	US-09-339-338-282
5	21	100.0	502	12	US-10-007-805-282
6	21	100.0	1915	10	US-09-964-824A-101
7	21	100.0	1915	10	US-09-964-824A-563
8	21	100.0	1915	10	US-09-880-107-3420
9	21	100.0	1915	10	US-09-967-768A-192
10	21	100.0	1917	9	US-10-025-380-1105
11	21	100.0	1917	10	US-09-922-217-1105
12	21	100.0	1996	10	US-09-925-301-207
13	17.8	84.8	250	10	US-09-864-761-21324
14	17.8	84.8	472	10	US-09-864-761-4580
15	16.2	77.1	165	9	US-09-158-722-1
16	16.2	77.1	361	10	US-09-735-705-303
17	16.2	77.1	361	10	US-09-850-716A-303
18	16.2	77.1	361	10	US-09-897-778-303
19	16.2	77.1	427	10	US-09-879-536-567

20	16.2	77.1	660	9	US-10-071-338-7	Sequence 7, Appli
C 21	16.2	77.1	907	10	US-09-833-381-1158	Sequence 1158, Ap
C 22	16.2	77.1	1223	8	US-09-880-107-3037	Sequence 3037, Ap
C 23	16.2	77.1	1228	8	US-08-825-486-9	Sequence 9, Appli
C 24	16.2	77.1	1228	8	US-08-870-434-5	Sequence 5, Appli
C 25	16.2	77.1	1232	10	US-09-372-044-9	Sequence 9, Appli
C 26	16.2	77.1	1232	10	US-09-765-231A-15	Sequence 15, Appli
C 27	16.2	77.1	1578	10	US-09-764-877-3799	Sequence 3799, Ap
C 28	16.2	77.1	1578	10	US-09-764-877-3801	Sequence 3801, Ap
C 29	16.2	77.1	2823	10	US-09-793-139-3	Sequence 3, Appli
30	16.2	77.1	2823	10	US-09-818-879-3	Sequence 3, Appli
31	16.2	77.1	2823	10	US-09-211-755B-3	Sequence 3, Appli
32	16.2	77.1	5670	10	US-09-954-456-1146	Sequence 1146, Ap
33	16.2	77.1	7193	9	US-10-071-338-1	Sequence 1, Appli
34	16.2	77.1	7193	10	US-09-964-824A-239	Sequence 239, App
C 35	16.2	77.1	155074	9	US-10-026-188-6	Sequence 6, Appli
36	16	76.2	45	9	US-09-978-295A-209	Sequence 209, App
37	16	76.2	45	9	US-09-978-697-209	Sequence 209, App
38	16	76.2	45	9	US-09-978-192A-209	Sequence 209, App
39	16	76.2	45	9	US-09-999-832A-209	Sequence 209, App
40	16	76.2	45	9	US-09-978-189-209	Sequence 209, App
41	16	76.2	45	9	US-09-978-608A-209	Sequence 209, App
42	16	76.2	1939	9	US-09-978-295A-205	Sequence 205, App
43	16	76.2	1939	9	US-09-978-697-205	Sequence 205, App
44	16	76.2	1939	9	US-09-978-192A-205	Sequence 205, App
45	16	76.2	1939	9	US-09-999-832A-205	Sequence 205, App

ALIGNMENTS

RESULT 1
US-09-998-598-2290/c
; Sequence 2290, Application US/09998598
; Patent No. US20020150922A1
; GENERAL INFORMATION:
; APPLICANT: Stoik, John A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Chenault, Ruth A.
; APPLICANT: Meagher, Madelein Joy
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.561
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2606
; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 2290
; LENGTH: 499
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-998-598-2290

Query Match 100.0%; Score 21; DB 10; Length 499;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
DB 324 CCGGACATCTCATCCACC 304

RESULT 2
US-10-076-622-282
; Sequence 282, Application US/10076622
; Publication No. US20030023036A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Steach, Paul R.
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.470C11

CURRENT APPLICATION NUMBER: US/10/076,622
CURRENT FILING DATE: 2002-02-13
NUMBER OF SEQ ID NOS: 627
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 282
LENGTH: 502
TYPE: DNA
ORGANISM: Homo sapiens
US-10-076-622-282

Query Match 100.0%; Score 21; DB 9; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
|||||
Db 290 CCGGACATCTCATCCACC 310

RESULT 3
US-09-604-287A-282
Sequence 282, Application US/09604287A
Patent No. US20020064872A1
GENERAL INFORMATION:
APPLICANT: Jiang, Yugu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.470C7
CURRENT APPLICATION NUMBER: US/09/604,287A
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 489
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 282
LENGTH: 502
TYPE: DNA
ORGANISM: Homo sapiens
US-09-604-287A-282

Query Match 100.0%; Score 21; DB 10; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
|||||
Db 290 CCGGACATCTCATCCACC 310

RESULT 4
US-09-339-338-282
Sequence 282, Application US/09339338A
Patent No. US20020102602A1
GENERAL INFORMATION:
APPLICANT: Yugu, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
FILE REFERENCE: 210121.470C2
CURRENT APPLICATION NUMBER: US/09/339,338A
CURRENT FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 282
LENGTH: 502
TYPE: DNA
ORGANISM: Homo sapiens
US-09-339-338-282

Query Match 100.0%; Score 21; DB 10; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
|||||
Db 290 CCGGACATCTCATCCACC 310

RESULT 5
US-10-007-805-282
Sequence 282, Application US/10007805
Patent No. US20020150581A1
GENERAL INFORMATION:
APPLICANT: Jiang, Yugu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
APPLICANT: Henderson, Robert A.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick, Thomas S.
APPLICANT: McNeill, Patricia D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
FILE REFERENCE: 210121.470C10
CURRENT APPLICATION NUMBER: US/10/007,805
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 593
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 282
LENGTH: 502
TYPE: DNA
ORGANISM: Homo sapiens
US-10-007-805-282

Query Match 100.0%; Score 21; DB 12; Length 502;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
|||||
Db 290 CCGGACATCTCATCCACC 310

RESULT 6
US-09-964-824A-101
Sequence 101, Application US/09964824A
Patent No. US20020102531A1
GENERAL INFORMATION:
APPLICANT: Horrigan, Stephen
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
FILE REFERENCE: 689290-73
CURRENT APPLICATION NUMBER: US/09/964,824A
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: US/60/236,033
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,028
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 583
SOFTWARE: PatentIn version 3.0
SEQ ID NO 101
LENGTH: 1915
TYPE: DNA
ORGANISM: Homo sapiens
US-09-964-824A-101

Query Match 100.0%; Score 21; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21
|||||

Db 956 CCGGACATCCTCATCCACC 976

RESULT 7
US-09-964-824A-563
; Sequence 563, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:

; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 563
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-824A-563

Query Match 100.0%; Score 21; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21
|||||

Db 956 CCGGACATCCTCATCCACC 976

RESULT 8
US-09-880-107-3420
; Sequence 3420, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:

; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3420
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843
US-09-880-107-3420

Query Match 100.0%; Score 21; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21
|||||

Db 956 CCGGACATCCTCATCCACC 976

RESULT 9
US-09-967-768A-192
; Sequence 192, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:

; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 192
; LENGTH: 1915
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-967-768A-192

Query Match 100.0%; Score 21; DB 10; Length 1915;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21
|||||

Db 956 CCGGACATCCTCATCCACC 976

RESULT 10
US-10-025-380-1105
; Sequence 1105, Application US/10025380
; Publication No. US20020182191A1
; GENERAL INFORMATION:

; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Jiang, Yugu
; APPLICANT: Smith, Carole L.
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun
; APPLICANT: Clapper, Jonathan D.
; APPLICANT: Skeley, Yasir A. W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick Thomas S.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C14
; CURRENT APPLICATION NUMBER: US/10/025,380
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 1129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
; LENGTH: 1917
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-1105

Query Match 100.0%; Score 21; DB 9; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCGGACATCTCATCCACC 21
|||||
Db 958 CCGGACATCTCATCCACC 978

RESULT 11
US-09-922-217-1105

; Sequence 1105, Application US/09922217
; Patent No. US20020076414A1
; GENERAL INFORMATION:

; APPLICANT: Xu, Jiangchun
; APPLICANT: Lodes, Michael J.
; APPLICANT: Secrist, Heather
; APPLICANT: Benson, Darin R.
; APPLICANT: Meagher, Madeleine Joy
; APPLICANT: Stolk, John A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Jieng, Yugu
; APPLICANT: Smith, Carole Lynn
; APPLICANT: King, Gordon E.
; APPLICANT: Wang, Aijun

; APPLICANT: Clapper, Jonathan D.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
; FILE REFERENCE: 210121.471C13
; CURRENT APPLICATION NUMBER: US/09/922.217
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 1124

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1105
; LENGTH: 1917

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-217-1105

Query Match 100.0%; Score 21; DB 10; Length 1917;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCGGACATCTCATCCACC 21
|||||
Db 958 CCGGACATCTCATCCACC 978

RESULT 12
US-09-925-301-207

; Sequence 207, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:

; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925.301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12

; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 207
; LENGTH: 1996

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-301-207

Query Match 100.0%; Score 21; DB 10; Length 1996;
Best Local Similarity 100.0%; Pred. No. 1.1;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 CCGGACATCTCATCCACC 21
|||||
Db 977 CCGGACATCTCATCCACC 997

RESULT 13
US-09-864-761-21324

; Sequence 21324, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:

; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng

; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecm1ca-X-1
; CURRENT APPLICATION NUMBER: US/09/864.761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312

; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366

; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408

; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117

; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 21324
; LENGTH: 250

; TYPE: DNA
; ORGANISM: Homo sapiens

; OTHER INFORMATION: MAP TO AC012513.2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.6

; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.2

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9
OTHER INFORMATION: NT HIT: AB037820.1, EVALU0.00e+00
OTHER INFORMATION: EST HUMAN HIT: AM954545.1, EVALU0.00e+00
OTHER INFORMATION: SWISSPROT HIT: P17931, EVALU0.3.70e+00
US-09-864-761-21324

Query Match 84.8%; Score 17.8; DB 10; Length 250;
Best Local Similarity 90.5%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
DB 112 CCGGACCTCTCATCCACC 132

RESULT 14
US-09-864-761-4580
Sequence 4580, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 4580
LENGTH: 472
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:

OTHER INFORMATION: MAP TO AC012513.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN HEAT, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.9
US-09-864-761-4580

Query Match 84.8%; Score 17.8; DB 10; Length 472;
Best Local Similarity 90.5%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 21
DB 338 CCGGACCTCTCATCCACC 358

RESULT 15
US-09-158-722-1/C
Sequence 1, Application US/09158722
Publication No. US20030013848A1
GENERAL INFORMATION:
APPLICANT: Lemke, Ph. D. et al., Greg B.
TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
City: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,722
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/456,647
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 08/237,401
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/884,486
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Weherell Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: 07251/007002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 678-5070
TELEFAX: (619) 678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
IMMEDIATE SOURCE:
CLONE: Tyro-1
FEATURE:
NAME/KEY: CDS
LOCATION: 1..165

US-09-158-722-1

Query Match 77.1%; Score 16.2; DB 9; Length 165;

Best Local Similarity 85.7%; Pred. No. 1.3e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTCATCCACC 21

Db 76 CCGGTCATCTCTCAAGCACCC 56

Search completed: March 15, 2003, 23:29:36
Job time : 4.34316 secs